

JSON WITH RUBY

http://www.tutorialspoint.com/json/json_ruby_example.htm

Copyright © tutorialspoint.com

This tutorial will teach you how to encode and decode JSON objects using Ruby programming language. Let's start with preparing environment to start our programming with Ruby for JSON.

Environment

Before you start with encoding and decoding JSON using Ruby, you will need to install any of the JSON modules available for Ruby. You may need to install Ruby gem, but if you are running latest version of Ruby then you must have gem already installed on your machine, otherwise let's follow the following single step assuming you already have gem installed:

```
$gem install json
```

Parsing JSON using Ruby

The following example shows that the first 2 keys hold string values and the last 3 keys hold arrays of strings. Let's keep the following content in a file called **input.json**

```
{
  "President": "Alan Isaac",
  "CEO": "David Richardson",

  "India": [
    "Sachin Tendulkar",
    "Virender Sehwag",
    "Gautam Gambhir",
  ],

  "Srilanka": [
    "Lasith Malinga",
    "Angelo Mathews",
    "Kumar Sangakkara"
  ],

  "England": [
    "Alastair Cook",
    "Jonathan Trott",
    "Kevin Pietersen"
  ]
}
```

The following is ruby program which will be used to parse above mentioned JSON document:

```
#!/usr/bin/ruby
require 'rubygems'
require 'json'
require 'pp'

json = File.read('input.json')
obj = JSON.parse(json)

pp obj
```

While executing, this will produce following result:

```
{"President"=>"Alan Isaac",
 "CEO"=>"David Richardson",
```

```
"India"=>
  ["Sachin Tendulkar", "Virender Sehwag", "Gautam Gambhir"],

"Srilanka"=>
  ["Lasith Malinga ", "Angelo Mathews", "Kumar Sangakkara"],

"England"=>
  ["Alastair Cook", "Jonathan Trott", "Kevin Pietersen"]
}
```